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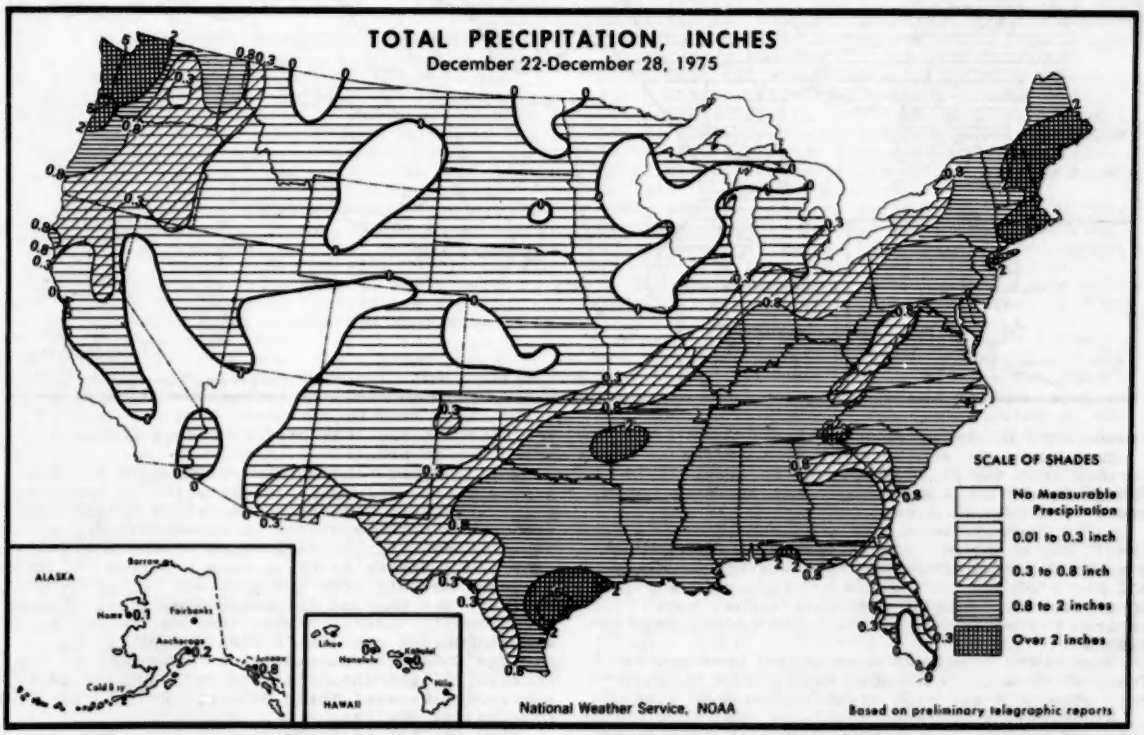


NATIONAL WEATHER SUMMARY

For the Week of December 22-28

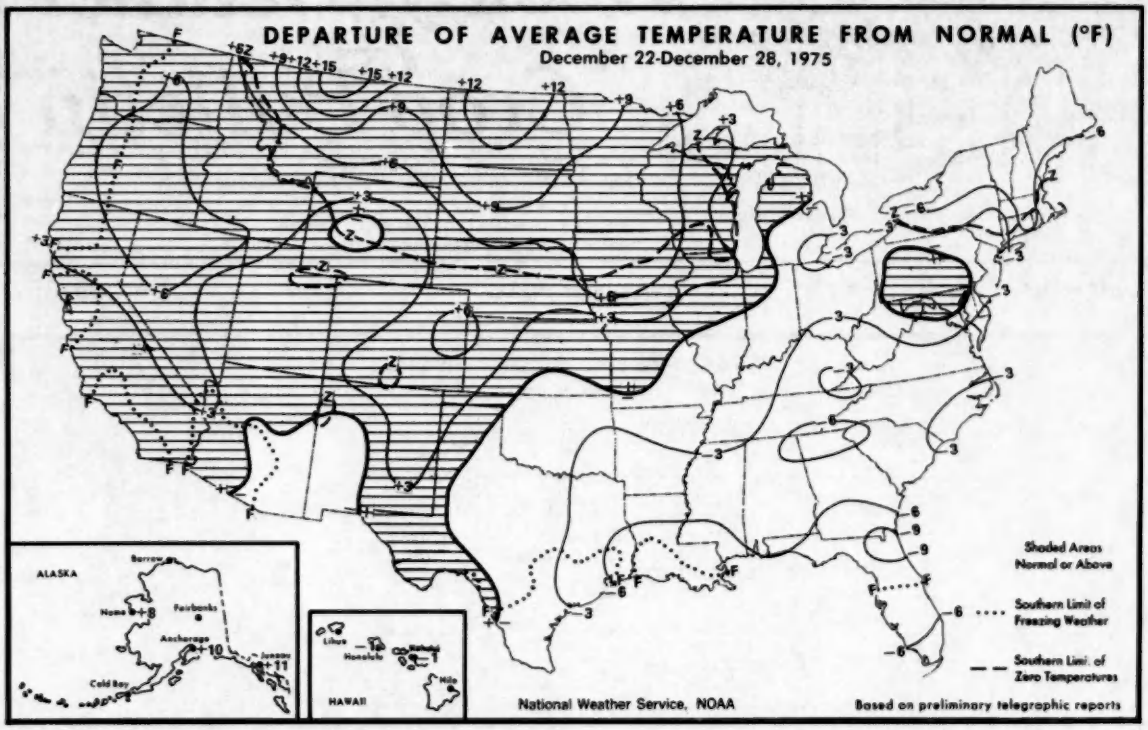
HIGHLIGHTS: Seasonably cold weather over much of the eastern third of the Nation contrasted above normal temperatures that ringed the northern border States--from the Great Lakes region to the Pacific Northwest--during the week. In the West a winter storm produced rain and snow in the northern and central Rockies, then moved into the southern Plains. Meantime a storm in the East spread precipitation from the Great Lakes region into New England.

Heavy snowfall that ended in the Northeast over the weekend turned to snow mixed with freezing rain and sleet over the coastal sections on Monday. Before moving out to sea, though, the storm piled 22 inches of snow on Hampton, N.H. and over a foot on Portland, Me. Located just off the New England coast, the intense low was responsible for precipitation and strong northerly winds over the area.

Meantime precipitation from a weakening frontal system in the West produced scattered rainshowers and snow at higher elevations from Washington to central California and into western Nevada.

On Tuesday, however, the western winter storm gathered strength. Moving from southern Arizona into the southern Rockies, the system produced rain that turned to snow at higher elevations. Other precipitation included freezing drizzle from northern Oklahoma into much of Kansas and rain or snow across the Pacific Northwest into the northern Intermountain region.

At midday the coldest temperatures gripped an area from northeast New York into northern New England where the mercury halted in the teens. Limited readings above 40° turned up in southern Florida, the Gulf Coast area, the Southwest, and along the Pacific Coast. Temperatures remained in the teens around the upper Midwest and hovered



around zero in the extreme Northeast.

Once again the winter storm weakened as it moved further into the southern Plains on Wednesday. Though little new snow occurred in the area, snow mixed with rain continued to ice the highways.

A low pressure center in southeast Texas took credit for a variety of precipitation throughout most of Texas and Oklahoma into western Arkansas and parts of New Mexico and Colorado. Snow piled up in the mountains of southwest Texas, then tapered off after reaching a depth of 6 inches in places.

When heavy thundershowers lashed portions of Texas at midweek, tornadoes accompanied by golf ball size hail and high winds caused some damage.

Highlighting Thursday's weather map, snow extended across the northern tier of States from New England to the Pacific Coastal mountain range, dipping into northern Pennsylvania, the Ohio Valley, southern Missouri, and northern Arkansas.

During the early morning hours temperatures in New England plunged well below zero in many locations. Nationwide, Houlton, Me. was the coldest with a reading of -32°.

In the afternoon a developing storm threatened portions of the East from the Great Lakes to New England. Midday snowfall covered an area from eastern Oklahoma and northern Arkansas into the lower Ohio Valley. Centered over northern Mississippi, the storm made its way toward New England in the evening, leaving behind a band of precipitation from the Atlantic Coast into Missouri and Arkansas.

Meantime another weather system moving in from the Pacific carried rain and some snow inland into the Pacific Northwest and northern California.

Seasonal but unwelcome conditions dominated the Northeast on Friday. Heavy snow warnings put travelers on the lookout for up to 4 inches of snow in some areas.

Moving slowly throughout northeast U.S., the winter storm delivered precipitation to the north Atlantic States. Ahead of the storm center warm air moving northward created widespread fog and heavy rains. Warmer rains came on the heels of snow and freezing rains in many sections. Up to 2 inches of rain from northern New Jersey into southern New England triggered some flash floods.

Meanwhile rain with some snow in the mountains was widespread over the northern half of the Pacific Coast region and inland into much of the Rockies. Light snow fell across Missouri and northern Arkansas, North Dakota, and eastern Ohio Valley Regions.

When the low pressure system in New England moved northward on Saturday, snow changed to rain or drizzle. During the day precipitation in a variety of forms focused on the northern half of the Nation. Scattered activity encompassed the upper Plains, northern Rockies, and Northwest Coast. Mostly rain occurred in the interior. In the northern Rockies a cold front moving eastward gave rise to rain and snow that extended into the northern Intermountain region and changed to showers in the Pacific Northwest. Not far away a developing storm system spread rain and snow over parts of Nebraska, Kansas, Iowa, and Missouri.

Pushed along by a moving warm front, light snow persisted in eastern portions of the central Plains and middle Mississippi Valley on Sunday.

Light rain and snow still dominated the weather picture in the Nation's interior, where snow covered central portions of Illinois and Indiana and ranged from West Virginia to the Great Lakes region. Thunderstorms dumped locally heavy rains in southeast Texas, then moved northeast into Louisiana.

NATIONAL AGRICULTURAL SUMMARY

For the Week of December 22-28

HIGHLIGHTS: Rain and subnormal temperatures hampered field activities in most Southern States. Combining of the 1975 soybean crop is virtually complete in all States. By December 28, cotton harvesting was over 95% complete in the 11 major producing States. Warmer temperatures would improve winter wheat condition in much of the southern Great Plains, which continued below normal. Freezing temperatures continued to concern Florida citrus growers.

SMALL GRAINS: Cold and freezing temperatures over much of the South slowed or stopped small grain growth. Warmer weather and precipitation are needed in most southern areas of the western Great Plains.

Winter wheat condition remains unchanged from the previous week in Kansas. Minimal wind blowing occurred in the south central areas. Topsoil moisture was generally adequate statewide, but subsoil moisture continues short in the West. Greenbug activity continues in some areas of the State. In Oklahoma, wheat continues in fair to good condition, but growth was stopped by cold and dry soil in many areas. Greenbug infestations were widespread and some damage was evident despite a heavy spray program. Texas wheat also made slow growth because of short moisture and cold weather. Recent rain and snow furnished light moisture in the High Plains, while good to excellent precipitation favored the rest of the State. Most wheat stands now need warm weather for favorable growth.

Wheat and other fall sown small grain stands vary widely from State to State with the availability of moisture supplies. Small grain stands were in fair to good condition in most areas of the South and Southeast; good to excellent in Illinois; good in Arizona; and in need of moisture for growth and germination in California.

COTTON: Cotton picking maintained rapid progress during much of the week, until impeded by inclement weather. Harvest of the 1975 crop was finished or nearing completion in most States. By December 28, harvest reached 97% complete, much ahead of the 1974 and average levels.

In Texas, cotton harvest was nearing completion even though ice and snow at midweek brought operations to a standstill on the High and Low Plains. Harvest was 96% finished, well ahead of 90% in 1974 and the average 87%. Gins were able to catch up with backlogs, ginning ricks, and modules. Cotton was 94% harvested in Mississippi versus 89% in 1974 and the usual 97%. Rain kept pickers out of the fields much of the week. In Oklahoma, cotton harvesting was nearly 75% finished, much ahead of 56% a year ago. Elsewhere in the South, harvest was virtually complete in Arkansas, Louisiana, Missouri, North Carolina, Tennessee, and South Carolina. Cold, wet conditions and the Christmas holiday slowed fieldwork in Georgia, and only a few scattered fields remain unharvested in Alabama.

Cotton harvest was virtually complete in New Mexico and 90 to 95% finished in Arizona. Cotton was mostly harvested in California, except in the Imperial Valley.

OTHER CROPS: Harvest of the 1975 soybean crop is virtually complete. In North Carolina, combining reached 94% versus 97% in 1974 and average 92%. Harvest was slow in Mississippi, where 98% of the crop was harvested against 94% a year ago and the normal 96%. Harvest was virtually complete in Alabama, Oklahoma, and Virginia.

Growers in Kentucky and Virginia were busy stripping and preparing tobacco to sell when warehouses reopen after the holidays. In North Carolina flue-cured tobacco bed preparations were well along and in South Carolina, growers were fumigating tobacco beds.

Florida sugarcane harvesting continues in full swing. Sugarbeet development was unusually well advanced in Arizona.

FRUITS AND NUTS: Freezing temperatures continued to cause problems in the upper citrus growing areas in Florida. Temperatures varied in the traditionally cold spots. Subfreezing with some slush ice in fruit was reported, but the advanced fruit maturity should prevent fruit loss. Cold induced good fruit color and tree dormancy. Processing and fresh market harvesting were in full swing. California's navel orange harvest was increasing; size was small and color good. Desert grapefruit were maturing slowly. Lemons in the Santa Barbara area need moisture to improve size. The Texas citrus harvest was slowed by rain.

Dry weather required early irrigation in California orchards. Pruning and dormant spraying was general. Pruning, tree removal, and rodent control activities were common in Washington. In Oregon, growers were pruning pear trees and berries. Peach tree pruning was active in South Carolina.

Pecan harvest was almost complete in Alabama and virtually complete in south central and central Texas. Mississippi harvest reached 95% complete slightly ahead of last year's level. In Texas, most activity was concentrated in the Cross-Timbers and along the Red River areas.

VEGETABLES: Florida vegetable crops continued to suffer from cold temperatures through midweek. Light frost and leafburn damage occurred. Plant growth and fruit maturity coupled with the holiday slowdown reduced total volume by nearly 50%. All crops were down sharply in volume. Strawberry harvest--mostly for local use--was underway. Plantings of most vegetables were slowed although potato and watermelon plantings were active. Muddy conditions in the Texas Lower Rio Grande Valley delayed pepper and lettuce harvests. Rains benefited cabbage and carrots. Onions continue to make good to excellent growth. Light supplies of broccoli and spinach were available. In the San Antonio Winter Garden area, cabbage and carrot harvests remain active, while broccoli and cauliflower supplies were light. Broccoli harvest was active in the California Salanis and Santa Maria areas, while cauliflower, celery, and carrot harvests were winding down. Lettuce cutting was slow in the Imperial Valley and light in the Palo Verde Valley.

PASTURES AND LIVESTOCK: Cold and freezing temperatures along with dry or muddy conditions in some areas left pastures and ranges in fair to poor condition over much of the South. Small grain grazing in the southern Great Plains was light to moderate, but overgrazing was widespread. In Florida, pastures continue to provide very poor to fair grazing due to slow growth from cold temperatures and moisture shortages. Normal supplemental feeding continues in the northern States, while in much of the South and Southwest increased feeding was needed to maintain the current condition of livestock.

Temperature and Precipitation Data for the Week Ending Midnight, l.s.t., Dec. 28, 1975

States and Stations	Temperature °F		Precipitation Inches	
	Average	Departure	Total	Departure
ALA.Birmingham	39	- 5	1.2	0
Mobile	47	- 5	1.3	- .1
Montgomery	43	- 4	.9	- .2
ALASKA.Anchorage	22	+10	.2	0
Barrow	--	---	---	----
Fairbanks	--	---	---	----
Juneau	37	+11	.8	- .2
Kodiak	--	---	---	----
Nome	11	+ 8	.1	0
ARIZ.Flagstaff	28	- 1	T	- .5
Phoenix	52	+ 1	T	- .2
Tucson	49	- 2	.3	+ .1
Winslow	33	+ 1	T	- .1
Yuma	57	+ 2	.1	0
ARK.Fort Smith	37	- 3	2.3	+1.7
Little Rock	37	- 3	1.2	+ .3
CALIF.Bakersfield	49	+ 2	T	- .2
Eureka	51	+ 3	.2	-1.3
Fresno	46	+ 1	T	- .4
Los Angeles	58	+ 1	0	- .5
Red Bluff	49	+ 4	T	- .9
San Diego	58	+ 2	0	- .4
San Francisco	49	0	T	-1.0
Stockton	44	0	1	- .5
COLO.Denver	34	+ 3	T	- .1
Grand Junction	28	+ 1	T	- .1
Pueblo	35	+ 4	T	- .1
CONN.Bridgeport	29	- 2	1.9	+1.2
Hartford	20	- 6	2.1	+1.3
D.C.Washington	36	0	1.1	+ .4
FLA.Apalachicola	47	- 7	.7	0
Daytona Beach	51	- 8	.3	- .2
Ft. Myers	58	- 6	T	- .3
Jacksonville	45	-10	.3	- .3
Key West	67	- 4	T	- .3
Lakeland	53	- 8	.3	- .2
Miami	64	- 4	T	- .4
Orlando	53	- 8	.1	- .4
Tallahassee	46	- 6	1.3	+ .3
Tampa	54	- 7	.4	- .1
W.Palm Beach	61	- 5	.3	- .3
GA.Atlanta	38	- 4	.5	- .5
Augusta	42	- 3	.6	- .2
Macon	42	- 5	.9	- .1
Savannah	45	- 4	.8	0
HAWAII.Hilo	--	---	---	----
Honolulu	72	- 1	0	- .9
Kahului	71	- 1	0	- .7
Lihue	--	---	---	----
IDAHO.Boise	31	+ 1	.2	- .1
Lewiston	37	+ 4	.5	+ .2
Pocatello	30	+ 5	.1	- .1
ILL.Cairo	35	- 2	1.0	+ .1
Chicago	29	+ 3	.1	- .4
Moline	29	+ 5	T	- .4
Peoria	27	+ 1	T	- .4
Rockford	26	+ 4	T	- .4
Springfield	29	+ 1	.2	- .2
IND.Evansville	31	- 2	1.0	+ .3
Ft. Wayne	26	0	.5	0
Indianapolis	27	- 2	1.0	+ .4
South Bend	28	+ 2	.4	- .2
IOWA.Burlington	28	+ 3	T	- .4
Des Moines	28	+ 6	T	- .2
Dubuque	25	+ 5	T	- .4
Sioux City	26	+ 5	T	- .1
KANS.Concordia	29	+ 1	T	- .2
Dodge City	34	+ 2	.1	0
Goodland	35	+ 7	T	- .1
Topeka	30	+ 1	.2	- .2
Wichita	31	- 1	.1	- .1
KY.Lexington	31	- 3	1.1	+ .3
Louisville	32	- 2	1.4	+ .6
La.Baton Rouge	45	- 7	1.1	0
Lake Charles	46	- 7	1.9	+ .6
New Orleans	45	- 9	1.3	+ .2
Shreveport	45	- 3	1.4	+ .4
MAINE.Caribou	6	- 7	1.5	+1.0
Portland	19	- 4	3.5	+2.7
MD.Baltimore	33	0	1.4	+ .7
MASS.Boston	27	- 4	2.4	+1.5
Chatham	32	---	4.3	----
MICH.Alpena	22	+ 1	T	- .4
Detroit	21	- 5	.5	0
Flint	22	- 2	.2	- .2
Grand Rapids	23	- 2	.1	- .3
Houghton Lake	23	+ 3	T	- .4
Lansing	24	- 1	.2	- .2
Marquette	24	+ 3	T	- .4
Muskegon	28	+ 2	.2	- .3
S. Ste. Marie	18	+ 1	.1	- .4
MINN.Duluth	16	+ 7	T	- .3
Internatl Falls	14	+ 9	T	- .2
Minneapolis	23	+ 7	T	- .2
Rochester	22	+ 6	T	- .1
St. Cloud	20	+ 7	T	- .2
MISS.Jackson	43	- 5	1.9	+ .8
Meridian	42	- 5	1.7	+ .5
MO.Columbia	32	+ 1	.3	- .1
Kansas City	30	0	.1	- .3
St. Louis	30	- 2	.4	0
Springfield	35	+ 1	.4	- .1
MONT.Billings	31	+ 6	T	- .1
Glasgow	22	+ 8	T	- .1
Great Falls	36	+12	T	- .2
Havre	31	+16	T	- .1
Helena	27	+ 6	T	- .1
Kalispell	30	+ 8	.2	- .2
Miles City	26	+ 7	T	- .1
Missoula	27	+ 4	.1	- .2
NEBR.Grand Island	28	+ 4	.1	0
Lincoln	28	+ 3	.1	0
Norfolk	26	+ 5	.1	0
N.Platte	28	+ 3	.2	+ .1
Omaha	29	+ 6	T	- .1
Valentine	27	+ 5	T	- .1
NEV.Ely	26	+ 1	.2	+ .1
Las Vegas	48	+ 4	T	- .1
Reno	35	+ 3	T	- .3
Winnemucca	36	+ 7	.1	- .1
N.H.Concord	15	- 7	1.8	+1.1
N.J.Atlantic City	30	- 3	1.1	+ .2
Trenton	31	- 2	1.4	+ .7
N.MEX.Albuquerque	33	- 2	.1	0
Roswell	40	+ 2	.5	+ .4
N.Y.Albany	18	- 2	.9	+ .3
Binghamton	20	- 3	1.5	+ .9
Buffalo	22	- 3	.6	0
New York	31	- 2	2.0	+1.2
Rochester	20	- 6	.7	+ .2
Syracuse	19	- 6	.7	0
N.C.Asheville	33	- 5	1.9	+1.1
Charlotte	36	- 5	1.0	+ .2
Greensboro	34	- 4	1.2	+ .5
Hatteras	44	- 2	.9	- .1
Raleigh	37	- 3	1.4	+ .7
Wilmington	44	- 2	1.3	+ .5
N.DAK.Bismarck	24	+12	.1	0
Fargo	18	+ 9	T	- .1
Williston	22	+10	.1	0
OHIO.Akron-Canton	27	0	.7	+ .1
Cincinnati	30	- 2	1.0	+ .4
Cleveland	26	- 2	.7	+ .2
Columbus	27	- 2	.7	+ .1
Dayton	28	- 1	.8	+ .3
Toledo	22	- 4	.1	- .4
Youngstown	25	- 2	.8	+ .2
OKLA.Okla. City	37	- 1	.9	+ .6
Tulsa	36	- 2	.8	+ .4
OREG.Astoria	48	+ 6	5.6	+3.2
Burns	31	+ 5	.7	+ .3
Medford	42	+ 5	.4	- .4
Pendleton	42	+ 8	.7	+ .3
Portland	43	+ 4	2.2	+ .8
Salem	46	+ 6	1.8	+ .3
PA.Allentown	28	0	1.5	+ .7
Erie	27	0	.7	+ .1
Harrisburg	31	0	1.4	+ .8
Philadelphia	31	- 2	.4	- .3
Pittsburgh	29	0	.9	+ .3
Scranton	25	- 2	1.0	+ .5
R.I. Providence	25	- 4	2.8	+1.9
S.C. Charleston	44	- 4	.9	+ .2
Columbia	42	- 3	.8	0
Greenville	36	- 6	.8	- .2
S.D. Aberdeen	22	+ 9	.1	0
Huron	24	+ 8	T	- .1
Rapid City	30	+ 6	.1	0
Sioux Falls	24	+ 7	T	- .1
TENN.Chattanooga	34	- 6	2.0	+ .8
Knoxville	36	- 4	1.1	0
Memphis	39	- 2	1.3	+ .2
Nashville	38	- 1	1.7	+ .6
TEX.Abilene	42	- 3	1.2	+ .9
Amarillo	37	0	.1	- .1
Austin	49	- 2	1.7	+1.2
Beaumont	47	- 6	1.8	+ .7
Brownsville	59	- 3	1.2	+ .9
Corpus Christi	56	- 2	.8	+ .4
Del Rio	52	+ 1	.3	+ .2
El Paso	43	0	.5	+ .4
Fort Worth	45	- 1	1.5	+1.1
Galveston	53	- 3	2.7	+1.9
Houston	48	- 5	2.6	+1.7
Lubbock	39	- 1	.3	+ .2
Midland	43	- 1	.3	+ .2
San Angelo	45	- 2	.6	+ .4
San Antonio	49	- 3	1.4	+1.1
Victoria	53	- 2	6.1	+5.7
Waco	46	- 2	1.7	+1.3
Wichita Falls	42	0	1.9	+1.6
UTAH.Blanding	30	+ 2	T	- .3
Salt Lake City	31	+ 2	.2	- .1
VT.Burlington	11	- 8	.9	+ .5
VA.Lynchburg	31	- 5	1.2	+ .5
Norfolk	37	- 4	.9	+ .2
Richmond	34	- 3	1.0	+ .3
Roanoke	33	- 3	1.0	+ .3
WASH.Colville	31	+ 5	1.7	+1.2
Omak	30	+ 5	.5	+ .1
Quillayute	45	+ 5	8.0	+4.5
Seattle-Tacoma	44	+ 5	2.9	+1.6
Spokane	32	+ 5	1.1	+ .5
Walla Walla	39	+ 4	.7	+ .2
Yakima	33	+ 4	.4	+ .1
W.Va.Beckley	25	- 6	.5	- .3
Charleston	30	- 5	1.0	+ .2
Huntington	30	- 4	1.2	+ .5
Parkersburg	31	- 2	1.2	+ .6
WIS.Green Bay	20	+ 2	T	- .3
La Crosse	22	+ 3	T	- .2
Madison	24	+ 5	T	- .3
Milwaukee	24	+ 2	1	- .3
WYO.Casper	25	0	T	- .1
Cheyenne	30	+ 2	T	- .1
Lander	19	- 2	0	- .1
Sheridan	28	+ 4	T	- .1
P.R.San Juan	76	0	1.4	+ .4

Based on 1941-70 Normals

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Standard copy for the Bulletin is prepared by Dr. Richard E. Felch, agricultural climatologist, Lyle M. Denny, Orus W. Byrd, meteorologists, DeLon Brown, agricultural statistician, and Susan E. Atkins, editor.

STATE SUMMARIES OF WEATHER AND AGRICULTURE

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by SRS State offices in cooperation with the National Weather Service, NOAA.

ALABAMA: Temperatures averaged 3° below normal. Front passed through on 25th bringing rain and cooler temperatures. Rainfall amounts ranged from 1.65 to 0.43 in. Most rain fell on 25th.

Farm work consisted of care and feeding of livestock and poultry. Some harvesting of remaining crops, putting out lime and fertilizer as weather permitted and other chores. Soil moisture supplies adequate most areas, but in few counties surpluses still exist. Few scattered fields of cotton, corn, and soybeans remain to be harvested. Vegetables suffered some damage due to low temperatures. Pecan harvest almost complete. Small grains and winter grazing crops in fair to good condition. Pastures in fair condition. Livestock in fair to good condition. Farmers continue to feed large amounts of hay and silage.

ARIZONA: Precipitation early week, clearing 24th. Heaviest precipitation in southeast, southern mountains. Snow level near 6,000 ft. Temperatures near normal except 1 to 4° below in northwest.

Farm work mostly cotton clean up, seeding wheat, barley. Residue disposal continued. Cotton harvest 90 to 95% complete. Sorghum harvest virtually complete. Wheat, barley seeding continues, good stands on early fields. Hay harvest seasonally slow, many fields used for pasture. Sugarbeet development unusually well advanced. Harvest lettuce, cabbage, broccoli active Yuma. Immature lettuce, cabbage, broccoli, carrots satisfactory progress. Red chili harvest nearing completion, Cochise County. Mixed vegetables harvest seasonal progress. Harvest navels, grapefruit, lemons Yuma, Salt River Valley. Cattle, calves fair to good condition. Ranges supplying below average amounts. Rains helped soil moisture, but still dry. Stock water short, ranchers hauling water.

ARKANSAS: Temperatures ranged from 1 to 7° below normal. Extremes: 65 and 19°. Precipitation general, from 0.30 to 1.68 in.

Farming activities were near standstill for the holiday week. Precipitation fell most areas beginning on 24th. Snow blanketed northern areas on Christmas Day. Farmers repairing equipment and feeding livestock. Pastures provided little forage.

CALIFORNIA: Occasional precipitation northwest, in the north and central 21st and 22d, and south 21st. Totals 1.00 in. northern mountains, 0.50 in. north coast, and 0.25 in. or less other areas. Cooling Central Valley late week. Highs mostly upper 40's and 50's Central Valley, 65 to 75 low southeast deserts, and 50's and low 60's coastal valleys. Lows 30's to low 40's Central Valley and coastal valleys and low southeast deserts.

Small grains need moisture for growth and germination. Cotton mostly harvested except Imperial Valley. Ground preparation ahead of normal. Pruning and dormant spray application general. Dry weather causing early irrigation. Navel orange harvest increasing, size small, good color. Desert grapefruit maturing slowly. Mandarin and date harvest continue. Lemons need moisture to improve size in Santa Barbara area. Broccoli active, cauliflower, celery winding down Salinas. Broccoli active Santa Maria. Celery active south coast. Carrots seasonally slow. Lettuce cutting slow Imperial Valley, light Palo Verde Valley. Fresh market tomatoes nearing completion. Subnormal moisture, cool temperatures hindering forage growth. Supplemental feeding maintaining production. Calving, lambing continuing.

COLORADO: Storm on 21st followed by a more intense storm 23d and 24th, centered south and west responsible for widespread snow. Precipitation Trinidad 0.22 in., Springfield 0.14 in. Temperatures above normal east, below normal south and southwest, remainder near normal.

Cattle continue to forage where possible with supplemental feed required.

FLORIDA: Mostly cold weather prevailed warming slowly by weekend. Temperatures averaged below normal with frost north and central. Rainfall generally light to moderate.

Soil moisture mostly short. Harvest of most field crops virtually complete. Sugarcane harvest full swing. Small grains good condition. Growth slow due to cold weather. Some land being prepared. Pastures continue to provide very poor to fair grazing throughout. Some Panhandle and southern areas mostly fair condition, central localities showing stress from rather severe moisture shortage and browning from frost. Cattle, calves in fair condition, supplemental feeding prevalent. Citrus trees generally good condition. Temperatures varied with traditionally cold spots upper growing area, sub-freezing with some reported slush ice in fruit. No fruit loss should occur with the advanced fruit maturity. Cold induced good fruit color and tree dormancy. Harvest full swing for processing and fresh. Some irrigation still being applied following light, general rains. Vegetable crops continued to suffer from cold temperatures through midweek. Light frost and leafburn damage. Plant growth and fruit maturity coupled with the holiday lull reduced total volume nearly 50%. All crops down sharply in volume. Quality, yields generally good. Plantings slowed, expected to return to normal next week. Potato and watermelon planting active. Fall cucumber production declining seasonally. Strawberry harvest underway, mostly local use.

GEORGIA: Temperatures averaged 7 to 10° below normal statewide. Warmest 71° at Alma on Christmas Day, coldest 10° at Blairsville on 23d. Rainfall mainly late week, average 1.00 to 2.00 in. north and 0.50 to 1.00 in. central and south. Temperatures remained cold at night and modified during afternoons. Little or no precipitation over weekend.

Very little fieldwork due to cold, wet weather and Christmas activities. Small grains fair to good. Pastures and cattle fair condition after some deterioration due to weather.

IDAHO: Temperatures averaged 1 to 8° below normal southwest and from near normal to 6° above remainder. Fog southwest and north held temperatures down early week, warming trend thereafter. Maxima mid 50's to mid 40's. Minima mostly teens and subteens, but with some temperatures in lower 20's north and Magic Valley. Precipitation ranged from 0.22 in. above normal Lewiston and from 0.01 to 0.33 in. below normal elsewhere.

Limited field activity due to inclement weather. Lambing and calving remain active. Feed supplies excellent.

ILLINOIS: Temperatures 3 to 5° above normal north, near normal central, 2° below normal south. Precipitation light north, moderate central and south. Snow 26th and weekend.

Soil moisture adequate most areas. Winter wheat condition good to excellent. Livestock good con-condition, mostly good feeding weather thus far.

INDIANA. Snow and ice storm crossed central and north.Christmas Day. Snow cover 2 to 4 in., but much drifting. Daily high temperatures averaged 32°, 5° below normal; daily low temperatures averaged 26°, 4° above normal. Temperature extremes 10 to 47°. Precipitation from 0.40 north to 1.00 in. south. Very little sun. Soils frozen 2 to 5 in.

Fieldwork nil. Major activities: Snow removal, cleaning barns and chores.

IOWA: Minor daily changes in temperatures, 3 to 7° above normal. Two to 4 in. snow, extreme southern counties, 27th and 28th. Occasional very light snow or flurries in some parts throughout week. Brief period of freezing drizzle south. Liquid precipitation 0.10 in. below normal west to 0.33 in. below normal east.

Snow and wet conditions halted fieldwork. Most farm activity is care of livestock.

KANSAS: Temperatures averaged 32° east and central, 35° west, or 7° above normal northwest to near normal south central. Precipitation amounts ranged from over 0.33 in. over parts of central through southeast to trace or less over western third.

Wheat condition unchanged. Good in east, poor to fair in west. Topsoil moisture generally adequate. Subsoil moisture adequate east, short west. Minimal blowing in south central. Some greenbug activity. Cattle on stubble fields and some supplemental feeding.

KENTUCKY: Temperatures dropped into low teens early week and climbed into 40's past midweek. Temperatures averaged in low 30's. Precipitation occurred as rain or snow latter half, totals from near 0.25 in., at Paducah to 1.50 in. at Bowling Green.

Farm activity limited to winter care of livestock and getting tobacco ready for market. Bulking down tobacco and stripping active when moisture and humidity were favorable.

LOUISIANA: Temperatures 9 to 13° below normal. Maximum temperatures generally highest on 27th. Rain over entire State at midweek, amounts between 0.50 and 1.50 in. Temperature extremes: 65° on 27th and 27° morning of 27th.

Agricultural activities mainly routine chores and care of livestock.

MARYLAND AND DELAWARE: Temperatures averaged 1 to 7° below normal. Highs, low 60's; lows, low 20's. Western Maryland had -3° for low. Precipitation ranged from 0.01 to 1.51 in.

Normal chores and repairs were major activities. Moisture supplies adequate. Some cattle still on pastures.

MICHIGAN: Temperatures throughout ranged from normal to 3° above normal, but below normal in southeast Lower. Maximum daily in low mid-30's Lower and mid-20's to low 30's over Upper. Minimum daily ranged from 14° below zero at Stambaugh to 20° above zero at Traverse City. Precipitation ranged from 0.49 in. at Detroit to a trace at Alpena. Average precipitation 0.16 in. over Lower and 0.10 in. over Upper.

Feeding livestock and farm chores main farming activity during the Christmas week.

MINNESOTA: A mild, dry week. Temperatures averaged 6° above normal southeast to 9° above normal northwest. Extremes: 32 to -8°. Precipitation traces to a few hundredths. Only significant new snow 1.5 in. Extreme north central. Snow on ground at week's end; 8 to 12 in. Northeast, 4 to 7 in. Southwest into Central; and traces to 3 in. elsewhere.

Mild conditions favorable for winter care and management of livestock.

MISSISSIPPI: Temperatures averaging 9° below normal. Extremes: 66 and 12°. Greatest 24 hour rainfall was 1.89 in. at Jackson on 24th and 25th.

Soil moisture supplies are adequate to surplus. Fieldwork 3.3 days suitable. Cotton 94% harvested, 89% 1974, 97% average. Soybeans 98% harvested, 94% 1974, 96% average. Pecans 95% harvested, 94% 1974. Pastures in poor to fair condition. Livestock in mostly fair condition. Hay and roughage supplies mostly adequate, feed grain supplies short to adequate.

MISSOURI: Temperatures averaged around normal. Precipitation averaged over 1.00 in. Bootheel and a trace Northwest Prairie. Precipitation light elsewhere except for 0.50 in. east Ozarks.

Major farm activities consist of winter care and management of livestock.

MONTANA: Unseasonably warm, temperatures averaged 5° above normal all areas. Precipitation light and scattered.

Winter wheat condition fair to good. Wind damage to date light. Snow cover protection variable, mostly fair. Livestock condition good.

Grazing open some areas, difficult in others. About 70% cattle and 80% sheep receiving supplemental feed. Livestock feed supplies for balance of winter adequate, surplus some areas.

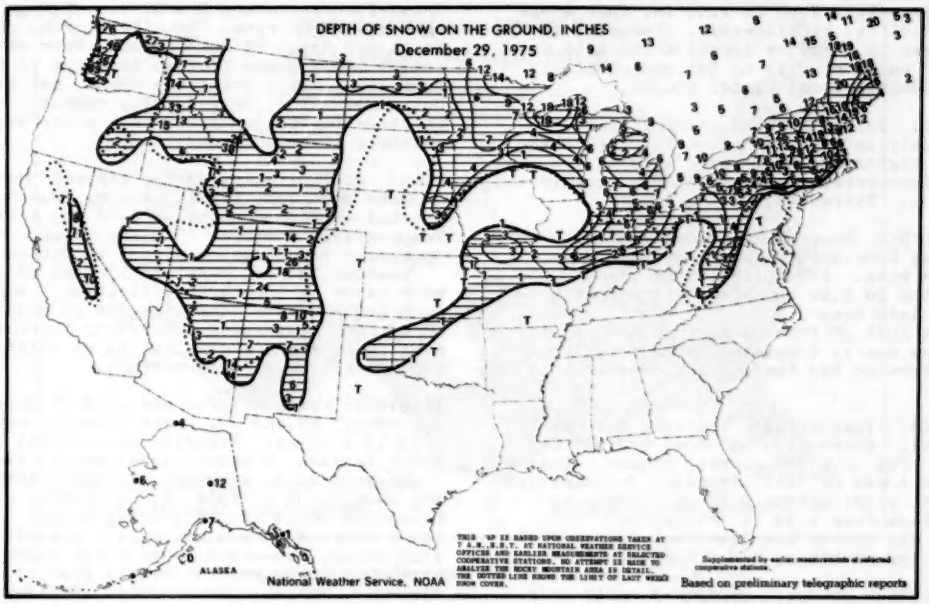
NEBRASKA: Temperatures 3 to 5° above normal. Light snow over central and east 26th through 28th.

NEVADA: Precipitation light. Trace snow northwest to 4 in. northeast. Temperatures averaged 6° above normal south to 4° above north. Extremes: Logandale 65°, Ely 4°.

Livestock doing well with very little supplemental feeding necessary.

NEW ENGLAND: Double-barrelled storm ended 22nd deposited up to 24 in. snow much of New England including some southern areas. Another storm toward weekend left few inches north, some southern areas measured 2.00 in. of rain which changed to freezing rain causing hazardous traveling conditions. Temperatures extremes with below zero temperatures 24th and 25th except southeastern New England. On 26th temperatures rose into 50's parts of southern New England.

NEW JERSEY: Temperatures averaged 4 to 6° below normal. Averages 25° north, 30° south and 32° coastal. Extremes: 3° at Freehold 25th and 56° Canoe Brook on 26th. Precipitation totals 0.80 in. above normal, except near normal along



coast. Snow on 23rd at various locations central and north, up to 2 in. measured at Charlotteburg and Belvidere before turning to rain on Christmas Day.

Caring for livestock and regular farm chores.

NEW MEXICO: General storms with light to moderate precipitation 23rd and 24th and in central mountains and eastern plains on 28th. Precipitation totals a few hundredths northwest to 0.75 in. south central. No major temperatures except considerably colder north and east on 28th. Temperatures averaged within a few degrees of late December normals.

Soil moisture condition remained short. Cotton and pecan harvest complete for all practical purposes. Winter wheat, barley fair to good. Ranges fair. Cattle, sheep good, some supplemental feeding.

NEW YORK: Temperatures first half week below zero, second half more moderate. Raybrook had 26° on 24th, most other areas below zero. Snow covered Upstate through week with additional snowfall 25th central and southern areas.

Moderate to heavy snowfall 26th in north. Rain on 26th central and south diminished snow depths. Week ended fair and moderately cold.

NORTH CAROLINA: Temperatures averaged 2 to 6° below normal. Precipitation widespread ranging from 1.00 to 2.00 in.

Soybean harvest 94% complete, 1974 97%, average 92%. Days suitable fieldwork averaged 2.7. Soil moisture adequate to surplus. Small grains mostly good to fair. Planting virtually complete. Pastures poor to good. Flue-cured tobacco bed preparation well along.

NORTH DAKOTA: Temperatures ranged from 12° above normal northwest to 1° above normal southeast. High 43°, low -10°. Precipitation varied from 0.04 in. above normal northwest, normal north central and central; elsewhere from 0.13 to 0.03 in. below normal. Most precipitation 0.22 in. Weekend temperatures above normal with scattered snow showers or freezing drizzle.

Farmers and ranchers working cattle and marketing crops and livestock, Most livestock receiving supplemental feed.

OHIO: Winter weather. Mostly cloudy skies prevailed. Snow flurries daily early week, winter storm watch in effect for Christmas. Snow totaling 9 in. at Van Wert and 5 in. at Toledo. Elsewhere over north 1 to 3 in. No appreciable snow outside of snow belt areas of north. Rain fell over south, nearly 1.00 in. at Cincinnati. Week ended with cloudy, overcast skies and snow flurries. Temperatures near normal.

OKLAHOMA: Temperatures averaged 2 to 6° below normal. Precipitation averaged from 0.07 in. Panhandle to 1.48 in. southeast. Weekend cold with rain or snow in most areas.

Wheat continues good to fair condition, but growth stopped by cold; soils dry in many major wheat areas. Greenbug infestations widespread, and some damage evident despite rather heavy spray program. Grazing down as cold weather stopped growth. Cotton harvest near 75% complete, 56% year ago. Soybean and sorghum harvest nearly complete. Supplemental feeding widespread as range grasses used up or low quality. Cattle condition good to fair.

OREGON: Above normal with greatest departures in west half. Extremes: upper 50's, low 20's west, upper 40's, teens east. Precipitation averaged 3.00 to 4.00 in. along coast, ranged 1.25 to 2.00 in. western valleys, 0.20 to 0.30 in. east.

Growers spraying grain, pear tree pruning, berry pruning, and overhauling equipment. Onions and potatoes moving out of storage. Feeding cattle. Feed supplies adequate.

PENNSYLVANIA: Coldest weather since mid-February early week. Cloudy conditions and snow Christmas Day, 1 to 5 in. snowfall accumulated before

turning to rain that continued through 26th. Total precipitation 1.00 to 2.00 in. most areas and up to 2.40 in. at Allentown. Temperatures averaged near to 6° below normal north with extremes -12° north central to 54° east central.

Farmers doing normal winter chores.

PUERTO RICO: Island average rainfall 1.13 in. Highest weekly total 3.78 in. at Pico Del Estaluquillo. Highest 24-hour total 1.72 in. at Corozal. Temperatures averaged 75° on coasts and 69° interior. Extremes: 87 and 54°.

SOUTH CAROLINA: Temperatures averaged below normal, ranging from below normal early to near normal late week. Precipitation averaged 2.00 in. mountains to 1.00 in. elsewhere. Most precipitation late week.

Seasonal lull in farming activities. Apple tree pruning nearly complete. Some peach tree pruning. Tobacco bed fumigation. Normal winter chores.

SOUTH DAKOTA: Temperatures averaged 2 to 10° above normal. Extremes: 50° Oral 22d, 1° Camp Crook 22d. Fog cover in morning common. Precipitation in forms of rain, freezing drizzle, and snow varied, ranging from 0.33 in. Winner to generally less than 0.10 in. elsewhere.

Feeding and caring for livestock main activity. Repairing machinery and attending sales.

TENNESSEE: High pressure dominated early week, at midweek low pressure caused rainfall most areas. Amounts ranged from 1.00 to 2.00 in. Late week traces of snow and rain fell. Warming occurred, but temperatures averaged 2 to 5° below normal.

General farmwork and caring for livestock the main activities.

TEXAS: Temperatures within 2° of normal over State ranging from upper 30's north to upper 50's Lower Rio Grande Valley. Rainfall normal, ranged from 1.00 in. east to less than 0.10 in. west. Rainfall averaged 1.00 in. central, 2.00 to 4.00 in. southeast.

Wheat, oats received moderate to heavy moisture midweek. Most stands need warm weather and are furnishing moderate to light grazing with overstocking widespread. Cotton harvest rapidly nearing completion even though set back at midweek because of ice and snow. Wheat continues slow growth, furnish short grazing High Plains due to short moisture and cold weather. Recent rain, snow furnished light moisture High Plains, good to excellent moisture elsewhere. Greenbug still heavy enough to require control measures. Oats: made moderate growth from Low Plains south and grazing available, but many fields overstocked. Cotton harvest 96% complete, well ahead of 90% in 1974 and average 87%. Harvest made good progress before ice, snow on High, Low Plains brought operations to standstill. Gins able catch up with backlogs ginning ricks and modules.

Lower Rio Grande Valley: Muddy fields slowed pepper, lettuce harvest. Rains beneficial to cabbage, carrots. Onions continue make good to excellent progress. Few late cucumbers, tomatoes still being picked. Broccoli, spinach, available light supply. Cabbage supplies continue increase. San Antonio-Winter Garden: Cabbage, carrot harvests remain active. Light supplies broccoli, cauliflower available. Spinach harvest continues seasonal increase. Onions continue make satisfactory growth. Laredo: Onions continue make good progress. Pecan harvest virtually complete south central and central. Harvest activity concentrated Cross-Timbers, along Red River. Citrus harvest slowed by rain. Excellent rains covered State southeast of Low Plains. Warm weather needed small grain fields, pastures to respond. Moderate grazing available wheat, oat stands, but growth slow, overstocking common. Moderate to heavy feeding underway most areas helping maintain livestock condition.

UTAH: Precipitation during midweek throughout. Amounts generally light, ranging from just measurable western deserts to 0.46 in. north central. Temperature averages 1° below normal, greatest departure was 8° below normal in Uintah Basin.

Routine chores, care and feeding of livestock were major agricultural activities. Most farmers and ranchers took time off to enjoy Christmas. Sugarbeet processing continuous, also sorting, grading and marketing of potatoes, dry onions and apples from storage.

VIRGINIA: Temperatures averaged 6° below normal. Extremes: 62 and 6°. Precipitation averaged 0.75 to 1.50 in. Freezing rain, sleet caused power failure, damaged trees central and west.

Harvest corn, soybeans, sorghum, late seeding wheat, cover crops, all virtually complete. Livestock moved winter feeding areas. All tobacco markets closed holidays. Preparing burley, fire-cured, sun-cured tobacco for sales when warehouses re-open. Machinery repairs, cutting firewood, general farm chores. Hunting active during holiday season.

WASHINGTON: West: Temperatures near normal. Precipitation above normal.

Soil saturated from recent floods and following showers. Silting extensive in pastures. Flood damaged areas still assessing cattle and hay losses. Pruning and tying caneberries. East: Temperatures near normal. Precipitation slightly above normal.

Activities in orchards: Pruning, tree removal, and rodent control. Temperatures barely low enough to maintain winter hardiness of trees. Rain in far east areas caused standing water and some erosion. However, most moisture went into the ground. Livestock in good shape although feed lots are muddy. Feed and hay supplies adequate.

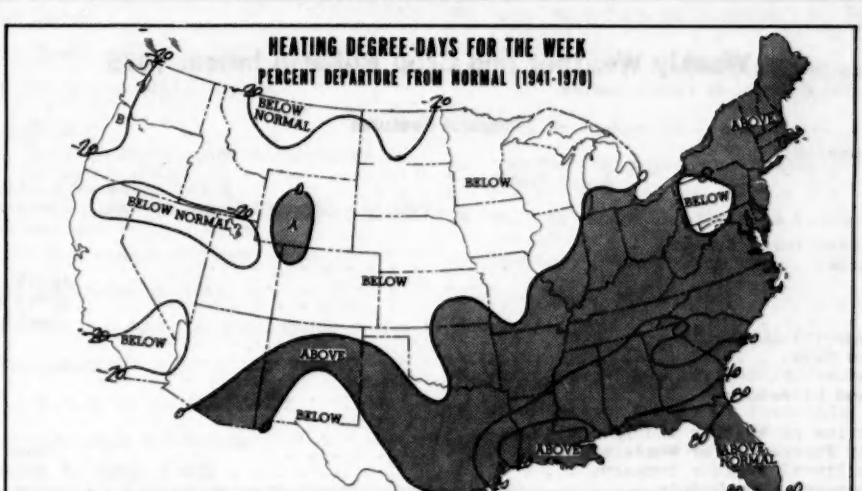
WEST VIRGINIA: Temperatures 1 to 5° below normal. Precipitation above normal north, below normal south and central. Precipitation was snow early week changing to rain.

Farm activity limited to necessary chores and feeding and caring for livestock.

WISCONSIN: Scattered snow flurries throughout, mainly north and west. Some freezing drizzle evening of 22d west central and north on 25th and 26th. Light snow southeast on afternoon of 24th. One inch accumulation Milwaukee and south. Generally mild temperatures prevailed. North and north central dipped 5° by weekend.

WYOMING: Cool, dry most areas. Coolest western half 1 to 5° below normal. East, temperatures warmer near to slightly normal. Precipitation very sparse. Most areas 0.05 to 0.10 in. below normal and some as much as 0.30 in.

Strong winds, dry soils, cause some soil blowing east which could use moisture. Increased supplemental feeding livestock west with snow cover. Hay, roughage supplies generally adequate. Livestock good condition. Care and feeding livestock major activity.



Heating Degree Days (Base 65°) For Week Ending Dec. 28, 1975

States and Stations	Weekly		Seasonal † Accumulation			States and Stations	Weekly		Seasonal † Accumulation			States and Stations	Weekly		Seasonal † Accumulation		
	TOTAL	Departure*	TOTAL	Departure*	Departure from 1974-75		TOTAL	Departure*	TOTAL	Departure*	Departure from 1974-75		TOTAL	Departure*	TOTAL	Departure*	Departure from 1974-75
ALA.Birmingham	179	32	1078	- 7	- 17	Portland	326	52	2573	83	- 13	Tulsa	302	11	1310	- 6	- 36
Mobile	130	34	600	16	0	MD.Baltimore	225	3	1976	-293	-175	OREG.Astoria	116	48	2016	48	194
Montgomery	155	31	877	20	- 10	MASS.Boston	267	26	1559	-307	-347	Burns	238	37	2747	33	167
ARIZ.Flagstaff	252	2	2664	-109	33	MICH.Alpena	297	13	2805	-252	-171	Medford	162	36	1462	3	108
Phoenix	67	- 11	438	-119	92	Detroit	304	32	2090	-170	-344	Pendleton	164	33	1748	-372	128
Tucson	109	11	535	- 58	-323	Flint	351	34	2110	-372	-363	Portland	150	29	1650	-186	214
Winslow	221	10	1964	171	25	Grand Rapids	291	13	2290	-100	-405	Salem	129	47	1865	20	246
Yuma	57	- 13	342	- 12	- 21	Houghton Lake	321	24	2792	-242	-180	PA.Allentown	255	1	1795	-345	-295
ARK.Fort Smith	196	19	1396	73	61	Lansing	289	7	2318	-125	-370	Erie	288	1	2101	-365	-316
Little Rock	195	30	1212	- 35	73	Marquette	286	18	2810	-142	- 56	Harrisburg	238	8	1628	-353	-305
CALIF.Bakersfield	113	- 17	644	40	82	Muskegon	296	15	2161	-236	-399	Philadelphia	237	13	1380	-329	-317
Eureka	89	- 25	2113	169	184	S. Ste. Marie	369	6	3196	-110	-197	Pittsburgh	256	1	2008	-161	- 44
Fresno	135	8	1169	332	329	MINN.Duluth	343	33	3675	73	- 61	Scranton	275	9	1905	-355	-282
Los Angeles	54	- 16	394	-155	16	International Falls	356	63	3961	- 13	305	R.I.Providence	280	39	1863	-172	-307
Red Bluff	110	36	1073	136	9	Minneapolis	291	56	3701	-320	-168	S.C.Charleston	147	31	694	- 57	-168
San Diego	51	- 12	383	- 49	69	Rochester	291	47	3477	-278	209	Columbia	167	29	1000	- 55	-147
San Francisco	107	- 6	1302	208	177	St. Cloud	315	52	3576	41	17	Greenville	189	37	1123	- 67	-234
Stockton	143	3	1127	138	107	MISS.Jackson	168	32	886	44	28	S.DAK.Aberdeen	301	63	3891	856	6
COLO.Denver	313	- 24	2152	- 47	-168	Meridian	161	35	1015	97	148	Huron	298	50	3803	93	93
Grand Junction	255	6	2282	158	165	MO.Columbia	233	10	1751	- 84	-358	Rapid City	340	44	3643	9	104
Pueblo	207	28	2011	6	- 15	Kansas City	241	6	1788	- 38	-163	Sioux Falls	303	32	3868	6	79
CONN.Bridgeport	249	13	1489	-329	-349	St. Louis	244	18	1693	- 45	-314	TENN.Chattanooga	216	41	1388	31	-149
Hartford	310	36	1936	-184	-192	Springfield	213	7	1641	18	-142	Knoxville	196	41	1267	7	- 61
DEL.Wilmington	235	8	1458	-350	-348	MONT.Billings	237	46	2898	34	120	Memphis	181	13	1067	-134	- 35
D.C.Washington	204	2	1131	-349	-306	Glasgow	284	88	3308	18	404	Nashville	192	4	1067	-304	-297
FLA.Apalachicola	123	46	917	92	87	Great Falls	302	84	3871	48	280	TEX.Abilene	108	9	931	12	-148
Daytona Beach	98	66	316	39	66	Havre	334	-112	3099	-243	387	Amarillo	196	6	1456	68	-222
Ft. Myers	52	24	150	6	65	Helena	300	46	3242	91	246	Austin	114	13	580	40	-152
Jacksonville	136	52	930	86	10	Kalispell	247	55	3193	-238	148	Brownsville	42	1	206	38	- 43
Key West	12	8	13	8	8	Miles City	277	37	2971	51	282	Corpus Christi	57	1	284	36	73
Lakeland	81	41	380	50	71	Missoula	266	38	3180	21	387	Del Rio	87	11	484	84	-152
Miami	30	16	83	19	46	NEBR.Grand Island	261	23	3411	84	23	El Paso	144	10	995	72	-247
Orlando	83	41	352	37	69	Lincoln	256	27	2171	- 55	-100	Fort Worth	132	0	718	-100	-116
Tallahassee	132	41	648	76	78	Norfolk	270	35	2549	27	107	Galveston	84	13	387	41	11
Tampa	79	36	367	45	90	North Platte	257	35	2783	293	83	Houston	110	25	548	72	1
W. Palm Beach	41	20	114	23	43	Omaha	251	37	3039	-113	-303	Lubbock	185	9	1191	-133	-354
GA.Atlanta	186	27	1084	- 67	- 87	Valentine	266	31	2791	110	201	Midland	143	1	928	40	- 65
Augusta	160	30	947	-116	-288	NEV.Ely	270	13	2900	- 40	- 34	Beaumont	131	45	568	46	- 66
Macon	158	32	835	- 15	- 38	Las Vegas	116	31	878	-101	- 34	San Angelo	137	11	850	18	- 43
Savannah	136	36	668	85	19	Reno	209	24	2332	34	38	San Antonio	107	12	587	25	-138
IDAHO.Boise	230	3	2185	- 19	208	Winnemucca	198	35	2266	-292	-339	Victoria	78	4	434	34	- 23
Lewiston	194	28	2000	-132	190	N.H.Concord	350	50	3624	170	- 66	Waco	124	6	639	71	-197
Pocatello	244	38	2526	- 98	- 54	N.J.Atlantic City	243	18	1685	- 13	- 48	Wichita Falls	154	9	951	88	-143
ILL.Cairo	203	9	1382	-106	-161	Trenton	237	12	1426	-356	-215	UTAH.Salt Lake C	236	18	2111	-143	304
Chicago	253	19	1886	-243	-296	N.MEX.Albuquerque	223	13	1763	122	- 16	VT.Burlington	378	59	3631	-145	-128
Moline	252	36	2010	-256	-289	Roswell	170	19	1308	-283	-307	VA.Lynchburg	239	37	1481	-113	-309
Peoria	262	37	2031	-246	-211	N.Y.Albany	330	37	3147	-338	-470	Norfolk	197	19	1107	-137	-137
Rockford	273	38	2335	-117	-197	Binghamton	317	33	2367	-306	-355	Richmond	219	34	1301	-225	-346
Springfield	251	6	1790	-197	-241	Buffalo	303	26	2155	-230	-184	Roanoke	224	31	1394	-201	-293
IND.Evansville	237	16	1570	-128	-173	New York	238	12	1917	-307	-230	WASH.Quillayute	238	1	2804	-307	-280
Fort Wayne	273	2	2011	-326	-294	Rochester	315	40	3148	-165	-289	Seattle-Tacoma	145	35	1665	-358	-107
Indianapolis	266	13	1883	-132	-242	Syracuse	317	40	3206	- 75	-373	Spokane	231	32	2677	4	192
South Bend	257	18	1882	-399	-213	N.C.Asheville	223	32	1558	- 53	- 39	Walla Walla	183	24	1711	-192	122
IOWA.Burlington	264	28	1991	-326	-296	Hatteras	143	10	702	-130	-178	Yakima	221	38	2268	-130	170
Des Moines	264	36	2034	-347	-339	Charlotte	197	29	1100	-108	-284	W.VA.Beckley	278	40	1814	-310	-378
Dubuque	282	33	2470	-161	-178	Greensboro	218	29	1344	-196	-306	Charleston	242	30	1531	-170	-367
Sioux City	274	37	2495	- 17	54	Raleigh	191	16	1131	-180	-313	Huntington	241	28	1518	-184	-354
KANS.Concordia	252	7	1915	-103	- 20	Wilmington	148	13	688	-166	-238	Parkersburg	240	17	1690	- 56	-148
Dodge City	219	18	1752	- 80	- 26	N.Dak.Bismarck	289	80	3199	-121	-289	WIS.Green Bay	315	14	2832	- 75	-171
Goodland	204	52	2065	-196	-201	Fargo	330	59	3247	-124	- 21	LaCrosse	286	25	2567	90	- 53
Topeka	243	6	1790	-106	-104	Williston	300	69	3481	70	263	Madison	296	35	2466	-338	-167
Wichita	235	7	1697	2	24	OHIO.Akron-Canton	256	7	1937	-274	-347	Milwaukee	289	15	2211	-407	-297
KY.Lexington	238	20	1698	- 19	-135	Cleveland	269	11	1995	-152	-303	WYO.Casper	276	4	2770	38	141
Louisville	226	9	1447	-247	-275	Columbus	267	15	1843	-234	-143	Cheyenne	246	13	2642	47	-140
LA.Baton Rouge	143	48	682	81	56	Cincinnati	240	9	1639	-180	-361	Lander	324	18	3030	48	2
Lake Charles	128	44	592	87	39	Dayton	258	6	1780	-231	-380	Sheridan	256	34	2846	36	- 40
New Orleans	142	60	626	116	67	Toledo	297	32	2226	- 59	-184						
Shreveport	138	19	782	- 33	-123	Youngstown	279	11	2121	-161	-250						
MAINE.Caribou	412	48	3585	40	36	OKLA.Okla City	198	10	1255	- 70	- 80						

* Based on 1941-70 Normals. † Accumulation July 1, 1975

Weekly Weather and Crop Bulletin Index, 1975

Regular Features

Weather Summaries:
- Weekly . . . . . Each issue
- Monthly . . . . . First issue of following month
- Seasonal . . . . . Second issue of Mar., June, Sept., Dec.

National Agricultural Summary
- Small Grains . . . . . Each issue
- Corn . . . . . April to December
- Soybeans . . . . . April to December
- Cotton . . . . . April to January
- Other Crops . . . . . Each issue
- Fruits and Nuts . . . . . Each issue
- Vegetables . . . . . Each issue
- Pasture and Livestock . . . . . Each issue

State Summaries of Weather and Agriculture . . . . . Each issue
Water Supply Forecasts for Western States . . . . . January to April
World Agricultural Weather Summary . . . . . Third issue of following month
World Weather and Crop Update . . . . . As appropriate

Charts:
- Weekly:
  - Total Precipitation . . . . . Each issue
  - Departure of Average Temperature from Normal . . . . . Each issue
  - Depth of Snow on Ground . . . . . December to March
  - Total Growing Degree-Days . . . . . April to November
  - Growing Degree-Day Departures from Normal . . . . . Periodically, April to November
  - Crop Moisture Index . . . . . April to November
  - Palmer Index, Discussion of Drought Areas . . . . First issue of each month, April to November
  - Heating Degree-Days:
    - Departure of Week from Normal . . . . . November to March
    - Departure of Seasonal Accumulation from Normal . . . . . November to March
    - Departure of Seasonal Accumulation from Last Year . . . . . November to March
- Twice Monthly:
  - Average Monthly Weather Outlook . . . . . First issue after 1st and 15th of each month
  - Agricultural Implications of Weather Outlook . . . . . April to November
- Monthly:
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  - Departure of Average Temperature from Normal . . . . . First issue of following month
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Special Articles

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Map: Normal Total Precipitation - January

3 1974: A Crop Season of Excesses

4 January 1975 Planting Plans

5 Weather and the Screwworm - - D.E. Phinney and M.S. Gibson, Lockheed Electronics, Houston, Tex.

6 World Weather and Agriculture - 1974 Highlights W.J. Cremins, Foreign Agricultural Service, USDA

9 Weather: A Key to 1975 Production

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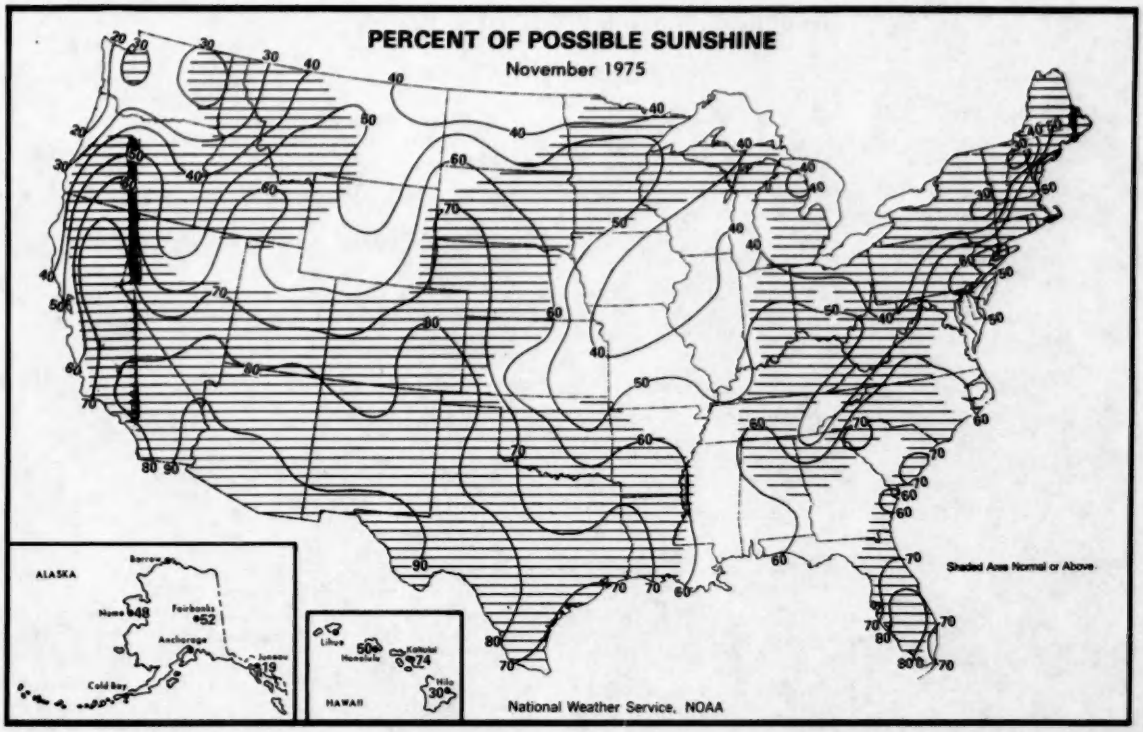

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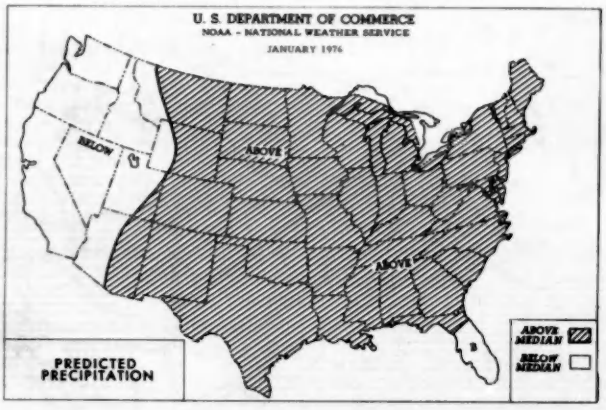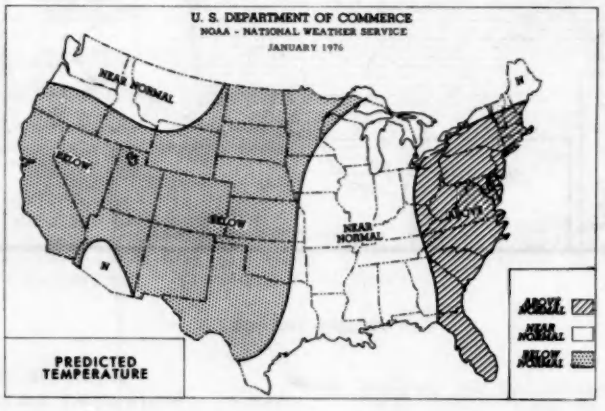
Average Monthly Weather Outlook